L Number			DB	Time stamp
28	25	'E' - - - - - - - - -	USPAT;	2004/06/15 09:05
		and @ad<20000727 and preliminary	US-PGPUB	
30	825	398/\$.ccls. and laser and attenuator	USPAT;	2004/06/15 09:11
	1		US-PGPUB	
31	505	(398/\$.ccls. and laser and attenuator) and	USPAT;	2004/06/15 09:12
		@ad<20000727	US-PGPUB	
32	29	398/118-131.ccls. and laser and attenuator	USPAT;	2004/06/15 09:17
			US-PGPUB	
33	18	(398/118-131.ccls. and laser and attenuator)	USPAT;	2004/06/15 09:17
33	1	and @ad<20000727	US-PGPUB	2004/06/15 09:17
24	0			2004/06/15 00 14
34	_	1	USPAT	2004/06/15 09:14
36	154	398/182-201.ccls. and laser and attenuator	USPAT;	2004/06/15 09:17
		/200/400 004 1 11	US-PGPUB	
37	117	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2004/06/15 10:09
l		and @ad<20000727	US-PGPUB	
40	236	398/\$.ccls. and shutter	USPAT;	2004/06/15 10:31
			US-PGPUB	
41	178	(398/\$.ccls. and shutter) and @ad<20000727	USPAT;	2004/06/15 10:32
			US-PGPUB	
43	31	movable same wavelength same attenuator	USPAT;	2004/06/15 10:17
			US-PGPUB	
44	6339	movable with shutter	USPAT;	2004/06/15 10:31
,			US-PGPUB	-30-7, 10, 20
45	317	(movable with shutter) and (359/\$.ccls. or	USPAT;	2004/06/15 10:32
1.0]	398/\$.ccls.)	US-PGPUB	2004/00/13 10:32
46	242		USPAT;	2004/06/15 14:17
30	242	(\movable with shutter) and (359/\$.ccis. or 398/\$.ccis.)) and @ad<20000727	USPAT; US-PGPUB	2004/06/15 14:17
	22			0001/05/15 10 00
55	23	5805759.URPN.	USPAT	2004/06/15 12:03
56	1	("5043621").PN.	USPAT;	2004/06/15 13:42
			US-PGPUB	
57	36		USPAT	2004/06/15 13:40
58	1	("4928030").PN.	USPAT;	2004/06/15 14:16
			US-PGPUB	
59	60	self-excited adj2 circuit and piezoelectric	USPAT;	2004/06/15 14:17
			US-PGPUB	
60	37	(self-excited adj2 circuit and	USPAT;	2004/06/15 14:27
		piezoelectric) and @ad<20000727	US-PGPUB	
_	23575		USPAT;	2004/06/14 07:31
		F	US-PGPUB	2001,00,21 07.51
_	10302	(piezoelectric and optical) and wavelength	USPAT;	2004/06/11 15:57
		(processore and oporous, and naverengen	US-PGPUB	2001/00/11 13.37
l _	6053	((piezoelectric and optical) and wavelength)	USPAT;	2004/06/11 15:57
	""	and @ad<20000727	US-PGPUB	2004/06/11 15:57
i _	2258	(((piezoelectric and optical) and		2004/06/11 15:58
	2230		USPAT;	2004/06/11 15:58
		wavelength) and @ad<20000727) and light adj	US-PGPUB	
	F14	beam	I I I I I I I I I I I I I I I I I I I	0004/05/55 55 55
_ ,	514	· · · · · · · · · · · · · · · · · · ·	USPAT;	2004/06/11 15:58
		wavelength) and @ad<20000727) and light adj	US-PGPUB	
		beam) and actuator		
-	1137	359/230-236.ccls.	USPAT;	2004/06/13 08:26
			US-PGPUB	
<u>-</u>	455	359/230-236.ccls. and @ad<20000727	USPAT;	2004/06/13 09:07
			US-PGPUB	
-	1141	opto-mechanical	USPAT;	2004/06/13 09:07
			US-PGPUB	1
-	311	opto-mechanical and (398/\$.ccls. or	USPAT;	2004/06/13 09:13
		359/\$.ccls.)	US-PGPUB	, 55, 25 65.15
-	. 10		USPAT;	2004/06/13 09:13
	/ 10	359/\$.ccls.	US-PGPUB	2004,00,13 09:13
-	211	(opto-mechanical and (398/\$.ccls. or	USPAT;	2004/06/13 10:36
		359/\$.ccls.)) and @ad<20000727	•	2004/06/13 10:36
		385/48.ccls.	US-PGPUB	2004/06/12 12 25
_	220		USPAT;	2004/06/13 10:36
-	339	505/40.0015.	TIO DOCTOR	
. -			US-PGPUB	
-	339 244	385/48.ccls. and @ad<20000727	USPAT;	2004/06/13 10:49
-	244	385/48.ccls. and @ad<20000727	USPAT; US-PGPUB	
- -			USPAT;	2004/06/13 10:49
- -	244 536	385/48.ccls. and @ad<20000727	USPAT; US-PGPUB USPAT; US-PGPUB	2004/06/13 10:48
- - -	244	385/48.ccls. and @ad<20000727	USPAT; US-PGPUB USPAT;	
- - -	244 536	385/48.ccls. and @ad<20000727	USPAT; US-PGPUB USPAT; US-PGPUB	2004/06/13 10:48
- - -	244 536	385/48.ccls. and @ad<20000727	USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2004/06/13 10:48

Page 1

_				T - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
-		12		USPAT	2004/06/13 11:55
-		637	movable same wavelength same filter	USPAT;	2004/06/15 10:17
				US-PGPUB	
-		400	(movable same wavelength same filter) and	USPAT;	2004/06/13 12:24
		ĺ	@ad<20000727	US-PGPUB	<u> </u>
-		36	5822095.URPN.	USPAT	2004/06/13 12:28
-		1	6498682.URPN.	USPAT	2004/06/13 13:08
-		1	6240223.URPN.	USPAT	2004/06/13 15:39
-		1653	385/\$.ccls. and actuator	USPAT;	2004/06/14 07:31
				US-PGPUB	
-		1027	(385/\$.ccls. and actuator) and wavelength	USPAT;	2004/06/14 07:31
				US-PGPUB	
-		393	((385/\$.ccls. and actuator) and wavelength)	USPAT;	2004/06/14 11:07
			and @ad<20000727	US-PGPUB	
-		1	("5642456").PN.	USPAT;	2004/06/14 09:48
İ				US-PGPUB	
-		. 12	5642456.URPN.	USPAT	2004/06/14 09:09
-		14	6144793.URPN.	USPAT	2004/06/14 09:16
-		99	(((385/\$.ccls. and actuator) and wavelength)	USPAT;	2004/06/14 10:14
			and @ad<20000727) and absorption	US-PGPUB	
-		4	6404970.URPN.	USPAT	2004/06/14 10:06
_		3	6292616.URPN.	USPAT	2004/06/14 10:09
_		ī		USPAT;	2004/06/14 11:07
1		_	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB] ====, ==, ==, ==
_		766	movable adj2 filter	USPAT;	2004/06/14 11:07
		1		US-PGPUB	-552, 55, 21 22.07
_		621	(movable adj2 filter) and @ad<20000727	USPAT;	2004/06/14 11:09
		521	time table days lifect, and wader20000727	US-PGPUB	2004,00,14 11.09
_		211	(movable adj2 filter) and @ad<20000727 and	USPAT;	2004/06/14 11:39
			optical	US-PGPUB	2004/00/14 11.39
_		2	6181451.URPN.	USPAT	2004/06/14 11:16
1_		_	filter and @ad<20000727 and optical	USPAT;	2004/06/14 11:16
		122301	litter and wad 20000727 and optical	US-PGPUB	2004/06/14 11:40
_		4284	absorpt\$3 with filter and @ad<20000727 and		2004/06/14 11:40
-		4204	optical	USPAT;	2004/06/14 11:40
_		209	•	US-PGPUB	2004/06/14 12 06
-		209	(absorpt\$3 with filter and @ad<20000727 and	USPAT;	2004/06/14 12:06
		366	optical) and (385/\$.ccls. or 398/\$.ccls.)	US-PGPUB	
-		366	359/614.ccls.	USPAT;	2004/06/14 12:05
1		776	/-b	US-PGPUB	/ /
-		776	(absorpt\$3 with filter and @ad<20000727 and	USPAT;	2004/06/14 12:06
			optical) and 359/\$.ccls.	US-PGPUB	
-		15	(absorpt\$3 with filter and @ad<20000727 and	USPAT;	2004/06/14 12:15
			optical) and 359/614.ccls.	US-PGPUB	
-		928	(absorpt\$3 with filter and @ad<20000727 and	USPAT;	2004/06/14 12:16
			optical) and thin adj film	US-PGPUB	
-		348		USPAT;	2004/06/14 13:29
ļ			optical) and thin adj film with filter	US-PGPUB	
-		2	movable adj2 attenuator and @ad<20000727 and	USPAT;	2004/06/14 15:15
		_	359/\$.ccls.	US-PGPUB	
-		5	6222656.URPN.	USPAT	2004/06/14 13:37
-		12	5642456.URPN.	USPAT	2004/06/14 13:43
-		14	movable adj2 attenuator and @ad<20000727	USPAT;	2004/06/14 14:29
		1		US-PGPUB	
-		2	6181451.URPN.	USPAT	2004/06/14 13:52
-		1	("6135995").PN.	USPAT;	2004/06/14 15:07
				US-PGPUB	
-		1	6094293.pn. and piezoelectric\$2	USPAT;	2004/06/14 15:13
				US-PGPUB	
-		22764	piezoelectric\$2 and vibrat\$3	USPAT;	2004/06/14 15:14
	:			US-PGPUB	
-		14264	piezoelectric\$2 same vibrat\$3	USPAT;	2004/06/14 15:14
				US-PGPUB	,
-		11222	piezoelectric\$2 with vibrat\$3	USPAT;	2004/06/14 15:20
				US-PGPUB	
-		223	(piezoelectric\$2 with vibrat\$3) and	USPAT;	2004/06/14 15:14
			359/\$.ccls.	US-PGPUB	,
-		154	((piezoelectric\$2 with vibrat\$3) and	USPAT;	2004/06/14 15:35
	į		359/\$.ccls.) and @ad<20000727	US-PGPUB	,,
-		19	piezoelectric\$2 with stretching adj	USPAT;	2004/06/14 15:22
1			vibration	US-PGPUB	,,
-		20	piezoelectric\$2 same stretching adj	USPAT;	2004/06/14 15:23
	İ	- !	vibration	US-PGPUB	,,

-	25	piezoelectric\$2 same stretch\$3 adj2	USPAT;	2004/06/14 15:23
		vibration	US-PGPUB	
-	12	(piezoelectric\$2 same stretch\$3 adj2	USPAT;	2004/06/14 15:33
		vibration) and actuator	US-PGPUB	
-	12408	310/311-371.ccls.	USPAT;	2004/06/14 15:34
	1		US-PGPUB	
-	1948	310/311-371.ccls. and actuator	USPAT;	2004/06/14 15:34
			US-PGPUB	
_	944	,·,	USPAT;	2004/06/14 15:34
		vibration	US-PGPUB	
-	249	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT;	2004/06/14 15:34
		vibration) and friction	US-PGPUB	
-	176	(,,==,,=== = :==== :==== :=============	USPAT;	2004/06/14 15:54
		vibration) and friction) and @ad<20000727	US-PGPUB	
-	2280	piezoelectric\$2 same spring and actuator	USPAT;	2004/06/14 17:28
			US-PGPUB	
-	1355	(piezoelectric\$2 same spring and actuator)	USPAT;	2004/06/14 17:29
	İ	and @ad<20000727	US-PGPUB	
-	463	((piezoelectric\$2 same spring and actuator)	USPAT;	2004/06/14 16:24
		and @ad<20000727) and friction	US-PGPUB	
-	1	, , , Feeeeeeeeee, same speaking with declaree,	USPAT;	2004/06/14 16:24
		and @ad<20000727) and friction) and	US-PGPUB	
	1	self-excited		
-	13	((piezoelectric\$2 same spring and actuator)	USPAT;	2004/06/14 17:14
	7.400	and @ad<20000727) and self-excited	US-PGPUB	
-	1420	(piezoelectric\$2 same spring and actuator)	USPAT;	2004/06/14 17:26
		and rotat\$3	US-PGPUB	0001/05/51
-	899	((piezoelectric\$2 same spring and actuator)	USPAT;	2004/06/14 17:27
	423	and @ad<20000727) and rotat\$3	US-PGPUB	2024/25/14 15 25
-	423	((piezoelectric\$2 same spring and actuator)	USPAT;	2004/06/14 17:27
_	853	and @ad<20000727) and rotating	US-PGPUB	2004/05/14 15 00
-	053	piezoelectric\$2 same spring and actuator same rotat\$3	USPAT; US-PGPUB	2004/06/14 17:28
_	545	(piezoelectric\$2 same spring and actuator		2004/06/15 00 43
	545	same rotat\$3) and @ad<20000727	USPAT; US-PGPUB	2004/06/15 08:41
	į.	pame rocards) and mad<50000/5/	I OS-EGEOR	